### 2MP WDR LightHunter IR Network Bullet Camera

#### IPC2B22SA-AHDZK-PI-I1





#### Features

- High quality image with 2MP, 1/2.8" CMOS sensor
- 1920\*1080@60fps in the main stream, deliver detailed live while 60fps keeping it smooth and closer to the real image
- Motorized lens with P-iris, support accurate control of exposure
- Ultra 265, H.265, H.264, MJPEG
- Smart intrusion prevention, support false alarm filtering, include Cross Line, Intrusion, Enter Area, Leave Area detection
- People Counting, support people flow counting and crowd density monitoring, suitable for different statistical scenarios
- LightHunter technology ensures ultra-high image quality in low-light environment
- Up to 130 dB optical WDR (Wide Dynamic Range)
- DC12V or PoE (IEEE 802.3af) power supply
- Audio 1 in and 1 out, Alarm 1 in and 1 out
- IP67, IK10

# unv

### Specifications

Model	IPC2B22SA-AHDZK-PI-I1	
Camera		
Max Resolution	2 MP	
Sensor	1/2.8" CMOS	
Min Illumination	Colour: 0.002 lux (F1.6, AGC ON)	
Min. Illumination	0 lux with IR	
Day/Night	IR-cut filter with auto switch (ICR)	
Shutter	Auto/Manual, 1 to 1/100000 s	
WDR	130 dB	
	Pan: 0° to 360°	
Adjustment Angle	Tilt: 0° to 90°	
	Rotate: 0° to 360°	
S/N	>52 dB	
Lens		
Focal Length	2.7 to 13.5 mm	
Optical Zoom	5X	
Iris	F1.6	
Field of View (H)	99.2° ~ 32.3°	
Field of View (V)	53.6° ~ 18°	
Field of View (D)	117.4° ~ 37.2°	
Iris Type	P-iris	
DORI		
DORI Distance (Lens)	2.7 ~ 13.5 (mm)	
DORI Distance (Detect)	51.2m (168.0ft) ~ 158.3m (519.3ft)	
DORI Distance (Observe)	20.5m (67.2ft) ~ 63.3m (207.7ft)	
DORI Distance (Recognize)	10.2m (33.6ft) ~ 31.7m (103.9ft)	
DORI Distance (Identify)	5.1m (16.8ft) ~ 15.8m (51.9ft)	
Illuminator		
Illumination Distance (IR)	80 m (262 ft)	
IR On/Off Control	Auto/Manual	

### DATASHEET

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	General Function	Protection, RTSP Authentication, User Authentication,
Audio	Audio	

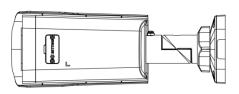
### DATASHEET

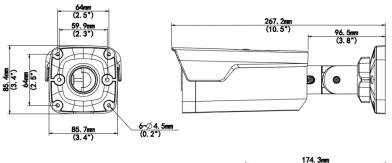
Audio Compression	G.711U, G.711A	
Audio Bitrate	128 Kbps	
Two-way Audio	Support	
Suppression	Support	
Sampling Rate	16 kHz	
Storage		
Edge Storage	Micro SD, up to 512 GB	
Network Storage	ANR, NAS (NFS)	
Network		
Protocols	SSH, IGMP, RTP, RTCP, SMTP, IPv4, IPv6, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTSP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, 802.1x, SNMP, QoS, SSL/TLS	
Compatible Integration	ONVIF (Profile S, Profile G, Profile T, Profile M), API, SDK	
User/Host	Up to 32 users. 3 user levels: administrator, common user and operator	
Security	TLS1.3, Password Protection, Strong Password, HTTPS Encryption, Export Operation Logs, Basic and Digest Authentication for RTSP, Digest Authentication for HTTP, TLS 1.2, WSSE and Digest Authentication for ONVIF	
Client	UNV-Link, UNV-Link Pro, EZStation	
Web Browser	Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+	
Interface		
Audio I/O	1 Input: impedance 1 k $\Omega$ , amplitude 2.5 V [p-p], 1 Output: impedance 600 $\Omega$ , amplitude 2.5 V [p-p]	
Alarm I/O	1/1	
Serial Port	1 channel RS485 interface	
Built-in Mic	Built-in two mics	
Built-in Speaker	N/A	
Network	1 × RJ45 10 M/100 M Base-TX Ethernet	
Certification		

### DATASHEET

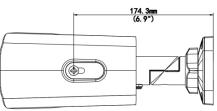
EMC	CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 50130)
	FCC-SDoC (47 CFR Part15, Subpart B)
Safety	CE LVD (EN IEC 62368-1)
	UL (UL 62368-1)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE
	(2012/19/EU)
Protection	IP67 (IEC 60529)
	IK10 (IEC 62262)
General	
Power	DC12V (±25%), PoE (IEEE 802.3af)
Power Consumption	Max 10W
Power Interface	Ø5.5 mm coaxial power plug
Dimensions	268 x 96 x 86 mm (10.5" x 3.7" x 3.4") (L x W x H)
Weight	1kg (2.2lb)
Working Environment	-30 °C to 60 °C (-22 °F to 140 °F), Humidity: $\leq$ 95% RH (non-condensing)
Storage Environment	-40 °C to 70 °C (-40 °F to 158 °F), Humidity: $\leq$ 95% RH (non-condensing)
Surge Protection	6 KV
Reset Button	Support
Heater	N/A

#### Dimensions









#### Accessories

TR-JB07-D-IN

Bullet Junction Box(Support wiring fro m behind)



TR-UP06-C-IN

Pole Mounting Bracket for Bullet Junc

tion Box Only

TR-UP06-B-IN

Bullet Pole Mounting Bracket







#### TR-A01-IN

#### NPT 3/4" Waterproof Cable Gland



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